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FOREIGN AGRICULTURE CIRCULAR

U.S. DEPARTMENT OF AGRICULTURE
Foreign Agricultural Service Washington D.C.

TROPICAL PRODUCTS
FTEA 1-72
March 1972

RECORD U.S. SPICE

IMPORTS IN 1971

Summary

U.S. imports of specified condiments and flavoring materials in 1971 amounted to a record 296 million pounds valued at \$81 million, up from 1970 imports of 273 million pounds valued at \$78 million. Imports of mustard seed, cassia, and black pepper were up considerably from a year earlier in both volume and value. Capsicum pepper imports also were larger. However, paprika shipments were down.

Vanilla bean imports were lower, falling from 2.2 million pounds valued at \$10.4 million in 1970 to 1.9 million pounds valued at \$8.4 million in 1971. The temporary U.S. import surcharge in effect last fall was attributed partly to the smaller vanilla imports, as vanilla shipments were being hit with a levy of 30 cents per pound, compared with a previous import duty of only 1 cent per pound.

Reflecting larger world pepper production, black pepper prices eased somewhat in 1971 from the unusually high levels prevailing in the preceding year. However, because of smaller availabilities of white pepper, white pepper prices moved higher in 1971, mostly in the second half of the year.

Specified condiments and flavoring materials: Approximate New York spot quotations
as of early March, 1966-72

Item	1966	1967	1968	1969	1970	1971	1972
	cents/lb.	cents/lb.	cents/lb.	cents/lb.	cents/lb.	cents/lb.	cents/lb.
ALLSPICE (PIMENTO):							
Jamaican	136	92	80	78	85	95	107
Guatemalan	135	76	79	(1/)	83	72	95
ANISEED:							
Spanish	32	40	34	30	28	36	51
CAPSICUM PEPPERS:							
Japanese Hontakas	52	48	52	52	45	(1/)	(1/)
Turkish	38	40	31	35	33	35	57
CARAWAY SEED:							
Dutch	21	19	20	23	21	34	52
Polish	20	17	18	23	20	34	52
CARDAMON SEED:							
Greens	425	325-360	225-245	260-350	600	350-490	235-325
Decorticated	695	600-650	360-420	300-350	630-750	500-550	325
CELERY SEED:							
French	48	43	45	63	275	81	46
Indian	21	24	27	54	225	37	39
CINNAMON:							
Ceylon	145	123	93	89	72	66	62
Seychelles	20	19	27	57	38	28	41
CLOVES:							
Malagasy	38	40	38	117	220	160	175
CORIANDER SEED:							
Moroccan	11	17	17	13	14	14	17
Romanian	10	13	14	11	12	14	13
CUMIN SEED:							
Iranian	42	29	20	24	25	34	37
DILL SEED:							
Indian	20	18	20	20	34	27	25
FENNEL SEED:							
Indian	27	26	27	32	48	37	34
GINGER:							
Indian, cochin	36	24	25	53	85	48	30
Nigerian, peeled	28	23	20	34	70	48	44
LAUREL LEAVES:							
Turkish	14	16	24	20	20	20	27
MACE:							
East Indian	175-260	153-185	100-143	91-115	92-140	87-125	91-140
MARJORAM:							
French	62-65	38	37	82	88	77	69
MUSTARD SEED:							
Canadian Yellow No.1	11	12	13	10	10	10	11
NUTMEGS:							
East Indian	145-150	108-125	60-65	50-68	65-70	57-62	58-64
West Indian	140-150	107-115	43-60	55-65	63	54	52-54
PAPRIKA:							
Spanish	32-56	36-42	32-44	35-48	36-48	38-52	55-73
PEPPER, BLACK:							
Indonesian, Lampung	45	31	34	30	57	56	45
Indian, Malabar	45	38	37	39	57	56	49
Brazilian	43	30	31	26	40	42	45
PEPPER, WHITE:							
Indonesian, Muntok	62	47	37	34	50	49	63
Brazilian	62	47	37	34	52	(1/)	(1/)
POPPY SEED:							
Dutch	30	25	23	37	39	35	30
Turkish	26	19	18	28	33	29	26
ROSEMARY:							
Portuguese	8	13	11	13	12	16	22
SAGE:							
Albanian	28	30	30	32	35	44	60
SAVORY:							
Yugoslavian	17	14	14	39-45	60	54	43
SESAME SEED:							
Unhulled	16-20	16-20	15-18	17-20	23	20-24	22-26
THYME:							
French	34	33	33	32	33-42	38	42
Spanish	20	18	17	10-17	19	25	26
TURMERIC:							
Indian, Alleppey	20	16	32	35-64	44-55	24-29	30-32
VANILLA BEANS:							
Bourbon	525-550	520-535	550-575	550-560	550-560	560-570	560-570
Indonesian	485-495	500-510	500-510	530-540	530-540	930	930
Tahitian	625-650	625-650	725-750	775-800	700	950	950

1/ Not quoted.

Specified condiments and flavoring materials:
United States imports, 1970 and 1971

Condiments and flavoring materials <u>1/</u>	1970		1971 <u>2/</u>	
	1,000 pounds	1,000 dollars <u>3/</u>	1,000 pounds	1,000 dollars <u>3/</u>
Allspice (pimento)	1,560	1,117	900	711
(ground)	5	1	---	---
Aniseed	350	79	551	129
Basil	251	165	293	153
Capers	2,305	926	2,169	948
Capsicum or red peppers	10,516	2,168	11,592	3,244
(ground)	3,494	857	2,250	568
Caraway seed	7,424	1,304	6,099	1,596
Cardamon seed	145	523	163	445
Cassia	4,801	3,815	9,590	5,811
Celery seed	4,018	2,788	4,205	1,188
Cinnamon	3,983	1,637	4,852	1,448
(ground)	2	2	---	---
Cloves	2,105	3,349	3,027	4,071
Coriander seed	3,088	281	2,787	246
Cumin seed	5,240	1,068	5,145	1,356
Curry & curry powder	44	31	62	43
Dill seed	694	139	885	109
Fennel seed	978	253	1,235	196
Ginger	5,209	2,241	4,528	1,469
(ground)	---	---	3	3
Laurel leaves	556	106	572	105
Mace	517	350	578	327
Marjoram	610	262	556	208
(other than crude)	---	---	1	3
Mint leaves	77	39	113	64
(manufactured)	11	25	29	59
Mustard seed	83,763	4,192	95,081	4,360
(ground)	1,559	588	1,898	817
Nutmegs	3,934	1,896	3,629	1,443
Origanum leaves	4,709	1,169	3,867	1,019
(other than crude)	65	14	3	2
Paprika <u>4/</u>	12,665	3,909	9,432	3,075
Parsley	111	19	21	7
(manufactured)	37	18	12	5
Pepper, black	42,675	18,507	54,941	24,204
Pepper, white	5,639	2,605	4,915	2,149
(black & white ground)	4	5	2	2
Poppy seed	6,593	1,929	5,042	1,367
Rosemary	423	42	462	57
Sage	2,336	594	2,810	783
Savory	188	54	116	38
Sesame seed	42,661	6,799	45,442	7,832
Tarragon	14	18	31	29
Thyme	904	150	860	176
(manufactured)	(5/)	1	---	---
Turmeric	4,214	1,369	3,137	488
Vanilla beans	2,239	10,368	1,875	8,368
Mixed spices	100	88	203	126
Total	272,816	77,860	295,964	80,847

1/ Unground unless otherwise specified. 2/ Preliminary. 3/ Market value in country of origin, exclusive of import duty, freight and insurance charges. 4/ Ground and unground. 5/ Less than 500 pounds.

United States: Imports of specified condiments and flavoring
materials by country of origin, 1970 and 1971

Commodity and origin <u>1/</u>	1970		1971 <u>2/</u>	
	1,000 pounds	1,000 dollars <u>3/</u>	1,000 pounds	1,000 dollars <u>3/</u>
ALLSPICE (PIMENTO):				
British Honduras	94.7	69.1	---	---
Guatemala	346.2	256.4	95.1	60.9
Honduras	97.6	71.0	102.1	68.4
Jamaica	869.0	623.1	644.1	544.6
Mexico	119.9	87.9	59.0	37.0
Spain	32.8	9.1	---	---
Total	1,560.2	1,116.6	900.3	710.9
ALLSPICE (PIMENTO) (ground):				
Not specified	4.9	1.0	---	---
Total	4.9	1.0	---	---
ANISEED				
Bulgaria	---	---	25.4	4.6
China, Mainland	---	---	11.7	2.5
Hong Kong	---	---	3.6	1.1
Mexico	15.4	5.3	26.2	8.1
Spain	269.0	60.8	359.5	86.9
Turkey	65.5	12.8	119.0	24.2
Others	---	---	5.2	1.5
Total	349.9	78.9	550.6	128.9
BASIL:				
Belgium	17.7	20.8	---	---
Bulgaria	75.8	26.7	51.9	17.1
Egypt	---	---	15.4	5.4
France	57.6	50.9	82.3	52.9
Germany, West	13.3	11.9	8.6	4.3
Guatemala .....	.6	.7	1.5	1.7
Hungary	63.0	42.7	91.1	57.2
Italy .....	.3	.3	1.2	1.8
Netherlands	---	---	30.5	6.5
Yugoslavia	23.1	11.3	10.8	6.3
Total	251.4	165.3	293.3	153.2
CAPERS:				
Greece	17.1	7.8	6.9	4.1
Morocco	843.3	371.8	792.3	340.1
Spain	1,437.8	543.3	1,357.1	598.4
United Kingdom	5.1	2.5	11.6	4.4
Others	1.3	1.0	1.3	.5
Total	2,304.6	926.4	2,169.2	947.5
CAPSICUM, CAYENNE OR RED PEPPERS:				
Ethiopia	---	---	11.3	4.4
India	---	---	1,266.2	476.3
Japan	2,551.7	721.9	1,929.8	962.8
Mexico	5,839.3	952.5	5,183.7	1,086.4
Netherlands	---	---	142.6	27.9
Nigeria	33.6	8.2	54.0	16.2
Pakistan	99.7	16.2	65.8	17.1
South Africa	93.6	23.8	44.1	10.7
Taiwan	20.0	5.8	---	---
Tanzania	92.6	25.3	223.3	74.5
Turkey	1,718.2	381.2	2,546.9	527.5
Uganda	33.3	7.6	42.7	11.9
Others	33.7	26.0	81.6	28.7
Total	10,515.7	2,168.5	11,592.0	3,244.4

(Continued)

United States: Imports of specified condiments and flavoring
materials by country of origin, 1970 and 1971--Continued

Commodity and origin 1/	1970		1971 2/	
	1,000 pounds	1,000 dollars 3/	1,000 pounds	1,000 dollars 3/
CAPSICUM, CAYENNE OR RED PEPPERS (ground):				
Japan	6.1	4.5	14.9	9.5
Mexico	3,321.7	818.5	1,955.9	489.0
Pakistan	43.1	7.0	11.0	1.9
Thailand	---	---	2.5	1.4
Turkey	121.4	26.5	264.5	65.8
Others	1.4	.9	1.6	.8
Total	3,493.7	857.4	2,250.4	568.4
CARAWAY SEED:				
Canada	---	---	2.7	.4
Denmark	60.6	11.1	96.2	24.5
Germany, West	22.3	3.6	---	---
Lebanon	---	---	11.0	2.6
Morocco	---	---	11.0	.9
Netherlands	5,123.3	922.0	5,157.2	1,340.7
Poland	2,203.7	365.4	820.8	226.9
United Kingdom	13.8	2.3	---	---
Total	7,423.7	1,304.4	6,098.9	1,596.0
CARDAMON SEED:				
Ceylon	9.8	28.9	10.0	15.3
Costa Rica	1.5	5.5	1.7	5.7
Guatemala	73.9	252.7	90.6	220.5
India	45.3	203.3	60.5	200.6
Tanzania	9.6	27.2	---	---
Others	4.7	5.2	.5	2.8
Total	144.8	522.8	163.3	444.9
CASSIA:				
China, Mainland	---	---	2,204.8	1,326.2
India	191.1	53.4	269.2	64.1
Indonesia	4,398.4	3,699.2	5,445.1	3,410.5
Malaysia	44.4	23.1	128.3	81.8
Netherlands	---	---	125.8	61.1
Seychelles	5.6	1.3	---	---
Singapore	2.0	1.4	---	---
Taiwan	137.7	22.2	1,029.8	519.7
Vietnam, South	22.0	14.3	199.5	230.9
Others	---	---	187.1	116.3
Total	4,801.2	3,814.9	9,589.6	5,810.6
CELERY SEED:				
France	207.7	232.8	332.6	141.9
India	3,760.4	2,526.4	3,872.0	1,046.4
Pakistan	33.1	10.8	---	---
Others	16.4	17.6	---	---
Total	4,017.6	2,787.6	4,204.6	1,188.3

(Continued)

United States: Imports of specified condiments and flavoring
materials by country of origin, 1970 and 1971--Continued

Commodity and origin <u>1/</u>	1970		1971 <u>2/</u>	
	1,000 <u>pounds</u>	1,000 <u>dollars</u> <u>3/</u>	1,000 <u>pounds</u>	1,000 <u>dollars</u> <u>3/</u>
CINNAMON:				
Ceylon	906.6	592.7	591.2	298.2
China, Mainland	---	---	40.0	30.0
India	121.3	38.5	45.9	13.5
Indonesia	77.6	31.5	.6	.5
Kenya	67.6	18.9	22.4	4.2
Malagasy Republic	1,435.2	545.6	1,258.0	368.2
Seychelles	1,237.1	356.1	2,656.0	660.3
South Africa	23.0	6.5	56.4	11.7
Tanzania	22.7	5.1	21.8	5.2
Others	92.1	41.6	159.4	56.1
Total	3,983.2	1,636.5	4,851.7	1,447.9
CINNAMON (ground):				
Netherlands	2.2	2.1	---	---
Total	2.2	2.1	---	---
CLOVES:				
Ceylon	29.1	31.9	---	---
Indonesia	195.4	247.3	14.5	24.4
Malagasy Republic	1,277.4	2,091.5	2,523.8	3,377.4
Malaysia	30.1	57.8	29.2	50.7
Singapore	67.2	106.0	22.0	26.8
Tanzania	459.0	763.7	398.9	534.5
Others	47.0	51.4	38.6	56.9
Total	2,105.2	3,349.6	3,027.0	4,070.7
CORIANDER SEED:				
Argentina	32.7	3.3	282.7	25.9
Canada	103.4	12.1	122.4	9.8
Israel	75.5	8.6	23.8	2.0
Morocco	2,034.2	184.2	1,993.6	173.2
Romania	655.3	57.5	325.1	28.8
Yugoslavia	162.0	13.2	---	---
Others	24.5	2.1	39.3	5.8
Total	3,087.6	281.0	2,786.9	245.5
CUMIN SEED:				
Colombia	---	---	10.6	2.6
Cyprus	28.5	9.6	27.1	10.3
India	122.9	34.2	893.2	230.1
Iran	4,997.2	1,006.5	4,126.2	1,087.8
Lebanon	57.2	10.7	---	---
Syria	---	---	88.2	25.6
Turkey	34.0	7.5	---	---
Total	5,239.8	1,068.5	5,145.3	1,356.4
CURRY AND CURRY POWDER:				
India	30.5	18.9	41.4	28.2
Jamaica	3.2	3.1	2.4	2.5
Japan	5.7	4.9	15.2	9.7
Trinidad	1.3	.8	.8	1.2
United Kingdom	2.6	1.8	1.1	1.0
Others	1.2	1.4	.7	.7
Total	44.5	30.9	61.6	43.3

(Continued)

United States: Imports of specified condiments and flavoring
materials by country of origin, 1970 and 1971--Continued

Commodity and origin <u>1/</u>	1970		1971 <u>2/</u>	
	1,000 pounds	1,000 dollars <u>3/</u>	1,000 pounds	1,000 dollars <u>3/</u>
DILL SEED:				
Canada	---	---	79.6	5.9
Germany, West	10.2	7.8	---	---
Hungary	1.0	1.0	---	---
India	667.6	127.8	804.4	102.6
Mexico	3.3	.8	---	---
Yugoslavia	11.0	1.4	---	---
Others .....	.7	.3	.6	.3
Total	693.8	139.1	884.6	108.8
FENNEL SEED:				
Argentina	20.9	2.3	81.6	13.3
Bulgaria	142.0	24.4	89.2	16.2
France	7.0	2.0	---	---
Germany, West .....	.2	.3	9.2	3.7
India	802.1	223.2	1,027.7	158.3
Lebanon	---	---	21.9	2.7
Morocco	---	---	4.4	.6
Yugoslavia	5.5	.9	---	---
Others	---	---	.5	.7
Total	977.7	253.1	1,234.5	195.5
GINGER:				
Australia	198.7	114.3	134.4	74.1
Fiji Islands	950.5	130.7	762.5	110.8
India	202.0	147.7	470.4	172.4
Jamaica	324.7	349.0	348.4	348.7
Nigeria	2,995.9	1,251.7	2,223.3	579.3
Sierra Leone	257.5	157.5	510.2	157.7
Taiwan	55.0	19.0	6.0	.8
Others	224.9	71.2	72.4	25.5
Total	5,209.2	2,241.1	4,527.6	1,469.3
GINGER (ground):				
Jamaica	---	---	3.4	3.2
Japan	---	---	.1	.3
Total	---	---	3.5	3.5
LAUREL LEAVES:				
Bulgaria	---	---	11.0	4.0
Germany, West	---	---	2.0	.4
Portugal	2.4	.3	---	---
Turkey	553.2	105.6	558.9	100.3
Total	555.6	105.9	571.9	104.7
MACE:				
Germany, West	---	---	11.1	7.3
Indonesia	455.3	306.7	522.0	292.0
Japan	6.6	4.2	17.7	7.6
Leeward & Windward Islands	36.5	25.0	21.2	16.5
Malaysia	3.3	2.7	---	---
Singapore	2.2	2.9	5.8	3.4
Trinidad	13.4	8.9	---	---
Total	517.3	350.4	577.8	326.8

(Continued)

United States: Imports of specified condiments and flavoring
materials by country of origin, 1970 and 1971--Continued

Commodity and origin <u>1/</u>	1970		1971 <u>2/</u>	
	1,000 pounds	1,000 dollars <u>3/</u>	1,000 pounds	1,000 dollars <u>3/</u>
<u>MARJORAM (crude):</u>				
Bulgaria	---	---	3.4	1.5
Dominican Republic	3.8	.8	5.6	.5
Egypt	11.0	.6	20.8	9.5
France	447.5	229.5	422.5	172.7
Lebanon	128.2	23.6	103.4	23.2
Portugal	14.2	2.8	---	---
Yugoslavia	5.5	4.4	---	---
Others .....	.3	.3	.2	.9
Total	610.5	262.0	555.9	208.3
<u>MARJORAM (other than crude):</u>				
Greece	---	---	1.1	2.6
Total	---	---	1.1	2.6
<u>MINT LEAVES (crude):</u>				
Bulgaria	32.9	12.9	58.3	30.8
Ceylon	---	---	12.8	5.7
Egypt	29.1	14.6	3.6	2.0
Germany, West	2.1	.9	13.9	7.9
Poland	---	---	9.7	7.3
Syria	4.4	5.4	4.5	4.9
Yugoslavia	1.1	.8	5.5	1.5
Others	7.0	4.5	4.7	3.6
Total	76.6	39.1	113.0	63.7
<u>MINT LEAVES (manufactured):</u>				
France	---	---	.1	.3
Germany, West	11.0	25.1	27.2	57.7
Sweden	---	---	1.6	.8
Total	11.0	25.1	28.9	58.8
<u>MUSTARD SEED:</u>				
Canada	82,366.5	4,018.1	93,500.5	4,149.6
Denmark	358.5	27.4	78.3	8.3
Ethiopia	411.3	51.2	381.0	48.1
Italy	357.1	62.3	534.2	96.1
United Kingdom	269.8	32.6	582.4	51.0
Others	---	---	4.3	6.7
Total	83,763.2	4,191.6	95,080.7	4,359.8
<u>MUSTARD (ground):</u>				
Belgium	18.9	9.4	33.7	16.4
Canada	52.6	11.1	8.0	1.9
France	224.0	125.1	192.8	118.4
Germany, West	132.6	62.6	135.3	73.5
New Zealand	---	---	16.5	11.0
Sweden	6.7	3.1	5.6	2.6
United Kingdom	1,103.3	365.4	1,478.5	577.2
Others	21.0	11.3	27.9	15.8
Total	1,559.1	588.0	1,898.3	816.8

(Continued)

United States: Imports of specified condiments and flavoring
materials by country of origin, 1970 and 1971--Continued

Commodity and origin <u>1/</u>	1970		1971 <u>2/</u>	
	1,000 <u>pounds</u>	1,000 <u>dollars</u> <u>3/</u>	1,000 <u>pounds</u>	1,000 <u>dollars</u> <u>3/</u>
NUTMEGS:				
Ceylon	11.2	2.6	63.7	18.0
India	32.5	17.9	27.6	11.3
Indonesia	3,215.7	1,538.0	2,858.4	1,137.9
Leeward & Windward Islands	279.4	143.4	456.1	191.3
Malaysia	112.0	51.8	---	---
Netherlands	121.4	62.6	---	---
Singapore	---	---	60.2	26.4
Trinidad	68.9	34.9	92.6	39.4
Others	92.8	45.0	70.3	18.9
Total	3,933.9	1,896.2	3,628.9	1,443.2
ORIGANUM (crude):				
Dominican Republic	57.2	8.3	21.0	3.6
France	16.0	4.2	11.0	2.7
Greece	2,067.9	742.3	2,022.3	699.8
Hungary	2.2	2.2	---	---
India	22.5	7.3	---	---
Mexico	2,492.8	389.2	1,757.9	296.7
Portugal	---	---	10.9	2.0
Spain	50.2	16.0	44.0	14.0
Total	4,708.8	1,169.5	3,867.1	1,018.8
ORIGANUM (other than crude):				
Dominican Republic	---	---	3.0	.8
Greece	4.0	1.5	---	---
Italy	2.1	.8	.1	.8
Mexico	58.9	11.8	---	---
Total	65.0	14.1	3.1	1.6
PAPRIKA: <u>4/</u>				
Bulgaria	2,264.5	716.3	1,313.9	443.9
Greece	71.5	19.0	---	---
Hungary	113.3	41.8	29.7	11.2
Italy	---	---	57.3	19.1
Mexico	---	---	270.8	66.5
Morocco	530.0	160.1	942.3	302.2
Spain	9,201.9	2,810.8	6,522.8	2,137.3
Taiwan	---	---	22.0	6.4
Turkey	66.1	21.7	157.5	52.2
Yugoslavia	308.0	94.7	71.5	21.9
Others	109.7	44.3	43.8	13.8
Total	12,665.0	3,908.7	9,431.6	3,074.5
PARSLEY (crude):				
Canada	54.0	3.7	---	---
Dominican Republic	49.5	12.1	21.1	7.2
Germany, West	4.7	2.8	---	---
Venezuela	2.4	.5	---	---
Total	110.6	19.1	21.1	7.2

(Continued)

United States: Imports of specified condiments and flavoring
materials by country of origin, 1970 and 1971--Continued

Commodity and origin <u>1/</u>	1970		1971 <u>2/</u>	
	1,000 <u>pounds</u>	1,000 <u>dollars</u> <u>3/</u>	1,000 <u>pounds</u>	1,000 <u>dollars</u> <u>3/</u>
<u>PARSLEY (manufactured):</u>				
Belgium	9.2	4.0	---	---
France	3.0	1.4	---	---
Germany, West	7.6	4.4	---	---
Hungary	13.1	5.8	5.5	2.5
Netherlands	2.2	1.3	2.3	1.4
Spain	---	---	3.0	.6
Others	2.2	1.0	.8	.3
Total	37.3	17.9	11.6	4.8
<u>PEPPER, BLACK:</u>				
Brazil	9,018.4	3,314.1	13,432.5	5,092.8
Ceylon	970.6	415.3	28.5	15.1
India	8,451.7	4,364.9	6,992.5	3,658.1
Indonesia	13,315.4	6,089.6	25,767.2	11,714.7
Malagasy Republic	22.5	11.3	.4	.6
Malaysia	8,306.8	3,266.0	6,542.7	2,706.8
Singapore	2,375.8	946.1	1,894.6	892.0
Others	214.1	99.3	282.7	123.8
Total	42,675.3	18,506.6	54,941.1	24,203.9
<u>PEPPER, WHITE:</u>				
Brazil	137.4	23.2	88.2	36.7
India	111.7	56.3	89.5	40.4
Indonesia	4,562.3	2,137.7	4,069.3	1,796.2
Malaysia	207.2	82.0	329.4	132.4
Singapore	548.8	249.3	336.2	142.0
Others	71.2	56.5	2.1	1.0
Total	5,638.6	2,605.0	4,914.7	2,148.7
<u>PEPPER, BLACK AND WHITE (ground):</u>				
Indonesia	1.7	2.5	---	---
Japan	---	---	.3	.3
Jamaica	1.2	.5	1.5	.6
Malagasy Republic	---	---	.2	.4
Others	1.0	2.0	.1	.3
Total	3.9	5.0	2.1	1.6
<u>POPPY SEED:</u>				
Czechoslovakia	109.1	36.1	---	---
Denmark	---	---	150.9	29.2
Germany, West	65.6	20.6	51.2	11.3
Netherlands	2,288.1	689.8	1,911.7	522.5
Poland	1,124.0	360.2	639.6	208.3
Romania	631.1	203.4	1,060.8	302.8
Turkey	2,277.6	590.9	1,187.3	286.5
Others	97.2	28.4	40.5	6.6
Total	6,592.7	1,929.4	5,042.0	1,367.2

(Continued)

United States: Imports of specified condiments and flavoring
materials by country of origin, 1970 and 1971--Continued

Commodity and origin <u>1/</u>	1970		1971 <u>2/</u>	
	1,000 pounds	1,000 dollars <u>3/</u>	1,000 pounds	1,000 dollars <u>3/</u>
ROSEMARY:				
France	65.6	7.7	71.7	8.7
Lebanon	---	---	22.0	5.3
Netherlands	---	---	.1	1.3
Portugal	261.4	20.0	219.7	22.2
Spain	6.6	.5	21.8	2.6
Yugoslavia	89.8	13.6	126.3	17.1
Total	423.4	41.8	461.6	57.2
SAGE:				
Albania	868.9	132.3	1,195.9	194.2
Algeria	---	---	44.0	6.6
Germany, West	---	---	104.4	40.0
Greece	11.1	4.4	28.6	7.2
Italy	65.0	15.2	61.2	20.0
Turkey	105.1	10.7	84.6	10.6
Yugoslavia	1,271.7	426.7	1,290.1	500.8
United Kingdom	11.4	3.6	---	---
Others	2.5	1.2	1.1	3.1
Total	2,335.7	594.1	2,809.9	782.5
SAVORY:				
Belgium	2.8	1.0	---	---
France	86.1	29.8	67.0	23.5
Lebanon	2.2	.4	---	---
Spain	10.6	1.7	---	---
Yugoslavia	86.6	21.3	48.8	14.3
Total	188.3	54.2	115.8	37.8
SESAME SEED:				
Brazil	665.0	79.0	293.2	36.6
El Salvador	---	---	1,596.9	223.6
Ethiopia	7,263.0	966.0	2,036.4	284.7
Guatemala	6,045.0	825.0	12,811.3	1,774.9
Mexico	7,593.0	1,536.0	13,570.5	2,799.1
Nicaragua	11,261.0	2,160.0	8,770.6	1,829.0
Salvador	1,266.0	169.0	---	---
Sudan	8,513.0	1,051.0	6,212.5	851.3
Others	55.0	13.0	150.6	32.3
Total	42,661.0	6,799.0	45,442.0	7,831.5
TARRAGON:				
Belgium	4.6	5.9	---	---
France	9.0	12.3	26.6	27.4
Yugoslavia	---	---	4.3	2.0
Total	13.6	18.2	30.9	29.4
THYME:				
Ceylon	---	---	9.3	1.6
France	298.2	70.8	282.3	80.9
Germany, West	10.8	2.9	---	---
Spain	594.6	75.7	550.4	77.0
Yugoslavia	---	---	10.8	3.2
Others .....	.1	.8	6.9	13.2
Total	903.7	150.2	859.7	175.9

(Continued)

United States: Imports of specified condiments and flavoring
materials by country of origin, 1970 and 1971--Continued

Commodity and origin <u>1/</u>	1970	1971 <u>2/</u>
	1,000 pounds	1,000 dollars <u>3/</u>
	1,000 pounds	1,000 dollars <u>3/</u>
<u>THYME (manufactured):</u>		
Netherlands .....	.1	1.2
Total .....	.1	1.2
<u>TURMERIC:</u>		
Guatemala	6.5	2.1
Haiti	220.7	34.6
India	2,740.4	1,109.3
Indonesia	---	---
Jamaica	700.6	149.6
Kenya	---	---
Pakistan	22.4	4.5
Peru	523.3	68.7
Total	4,213.9	1,368.8
<u>VANILLA BEANS:</u>		
France .....	.2	3.1
French Polynesia	4.5	30.6
Indonesia	244.9	754.5
Malagasy Republic <u>5/</u>	1,940.6	9,366.1
Malaysia	---	---
Mexico	32.0	124.3
Uganda	13.2	65.8
Others	3.6	23.4
Total	2,239.0	10,367.8
<u>MIXED SPICES:</u>		
France	5.3	8.6
Germany, West	18.0	23.8
India	6.2	4.0
Mexico	32.4	6.8
Netherlands	8.1	8.0
Switzerland	7.9	7.4
Thailand	10.3	8.1
Others	11.4	21.5
Total	99.6	88.2

1/ Unground, unless otherwise specified. 2/ Preliminary. 3/ Market value in country of origin, exclusive of import duty, freight and insurance charges. 4/ Ground and unground.

5/ Includes Comores and Reunion.

United States: Rates of import duties for specified condiments and flavoring materials in effect as of January 1, 1972

TSUSA - Tariff No.	Commodity	Rates of duty	
		A 1/	B 2/
	Allspice (Pimento):		
161.86	Not ground	Free	Free
161.88	Ground	1¢/lb.	3¢/lb.
161.01	Aniseed	Free	Free
	Basil:		
161.03	Crude or not manufactured	Free	Free
161.05	Other	10% ad. val.	25% ad. val.
161.07	Capers	16% ad. val.	20% ad. val.
	Capsicum or red peppers:		
	Not ground:		
161.80	Anaheim and Ancho	5¢/lb.	5¢/lb.
161.83	Other	2.5¢/lb.	5¢/lb.
161.84	Ground	5.1¢/lb.	8¢/lb.
161.09	Caraway seed	Free	Free
161.11	Cardamon seed	Free	Free
	Cassia:		
161.13	Not ground	Free	Free
161.15	Ground	1.5¢/lb.	5¢/lb.
126.21	Celery seed	Free	2¢/lb.
	Cinnamon:		
161.17	Not ground	Free	Free
161.19	Ground	1.5¢/lb.	5¢/lb.
	Cloves:		
161.21	Not ground	Free	Free
161.23	Ground	3¢/lb.	6¢/lb.
161.25	Coriander Seed	Free	Free
161.27	Cumin seed	Free	Free
161.29	Curry and curry powder	Free	5¢/lb.
161.31	Dill seed	5% ad. val.	25% ad. val.
161.33	Fennel seed	Free	Free
	Ginger (not candied or preserved):		
161.35	Not ground	Free	Free
161.37	Ground	1¢/lb.	5¢/lb.
	Laurel leaves:		
161.39	Crude or not manufactured	Free	Free
161.41	Other	5% ad. val.	25% ad. val.
	Mace (Except Bombay or Wild):		
161.47	Not ground	Free	Free
161.49	Ground	Free	8¢/lb.
	Marjoram:		
161.51	Crude or not manufactured	Free	Free
161.53	Other	7.5% ad. val.	25% ad. val.
	Mint leaves:		
161.55	Crude or not manufactured	Free	Free
161.57	Other	7.5% ad. val.	25% ad. val.
	Mustard:		
161.61	Seeds, whole	0.43¢/lb.	2¢/lb.
161.59	Ground or prepared	2¢/lb.	10¢/lb.
	Nutmegs:		
161.63	Not ground	Free	Free
161.65	Ground	1.5¢/lb.	5¢/lb.
	Origanum leaves:		
161.67	Crude or not manufactured	Free	Free
161.69	Other	7.5% ad. val.	25% ad. val.

(Continued)

United States: Rates of import duties for specified condiments and flavoring materials in effect as of January 1, 1972--continued

TSUSA - Tariff No.	Commodity	Rates of duty	
		A <u>1/</u>	B <u>1/</u>
161.71	Paprika (ground or not ground)	5¢/lb.	5¢/lb.
	Parsley:		
161.73	Crude or not manufactured	Free	Free
161.75	Other	15% ad. val.	20% ad. val.
	Pepper, black or white:		
161.77	Not ground	Free	Free
161.79	Ground	1.5¢/lb.	5¢/lb.
175.36	Poppy seed	6¢/cwt.	32¢/cwt.
	Rosemary:		
161.90	Crude or not manufactured	Free	Free
161.92	Other	7.5% ad. val.	25% ad. val.
	Sage:		
161.94	Not ground	0.5¢/lb.	1¢/lb.
161.96	Ground or rubbed	1.5¢/lb.	3¢/lb.
	Savory:		
162.01	Crude or not manufactured	Free	Free
162.03	Other	7.5% ad. val.	25% ad. val.
175.45	Sesame seed	Free	1.18¢/lb.
	Tarragon:		
162.05	Crude or not manufactured	Free	Free
162.07	Other	7.5% ad. val.	25% ad. val.
	Thyme:		
162.09	Crude or not manufactured	Free	Free
162.11	Other	7.5% ad. val.	25% ad. val.
162.13	Turmeric	Free	Free
193.15	Vanilla beans	Free	30¢/lb.
162.15	Mixed spices and spices, and		
	spice seeds not specially		
	provided for	7.5% ad. val.	25% ad. val.

1/ Column A rates applicable for all countries except those listed under footnote 2/.

2/ Column B rates applicable for products of Communist areas which include the following: Albania, Bulgaria, Mainland China, Cuba, Czechoslovakia, East Germany, Hungary, Indochina (parts under Communist control), North Korea, Mongolian Republic, Romania, Tibet, and the USSR.

Specified condiments: United States approximate average annual unit import
value from selected origins 1/

Condiment and origin <u>2/</u>	1971	1970	Condiment and origin <u>2/</u>	1971	1970
	Cents per lb.	Cents per lb.		Cents per lb.	Cents per lb.
ALLSPICE (PIMENTO):			MARJORAM:		
Guatemala	64.0	74.1	France	40.9	51.3
Jamaica	84.5	71.7	Lebanon	22.4	18.4
ANISEED:			MINT LEAVES:		
Mexico	31.1	34.4	Bulgaria	52.9	39.4
Spain	24.2	22.6	MUSTARD SEED:		
BASIL:			Canada	4.4	4.9
France	64.3	88.4	United Kingdom	8.7	12.1
Hungary	62.7	67.8	NUTMEGS:		
CAPERS:			Indonesia	39.8	47.8
Morocco	42.9	44.1	West Indies	41.9	51.3
Spain	44.1	37.8	ORIGANUM LEAVES:		
CAPSICUM PEPPERS:			Greece	34.6	35.9
Japan	49.9	28.3	Mexico	16.9	15.6
Mexico	21.0	16.3	PAPRIKA: <u>3/</u>		
Turkey	20.7	22.2	Bulgaria	33.8	31.6
Tanzania	33.3	27.3	Morocco	32.1	30.2
CARAWAY SEED:			Spain	32.8	30.5
Netherlands	26.0	18.0	PARSLEY		
Poland	27.6	16.6	Dominican Rep.	34.0	24.3
CARDAMON SEED:			PEPPER, BLACK:		
Guatemala	243.5	341.9	Brazil	37.9	36.7
India	331.8	448.8	India	52.3	51.6
CASSIA:			Indonesia	45.5	45.7
Indonesia	62.6	84.1	PEPPER, WHITE:		
China, Mainland	60.1	---	Brazil	41.6	---
CELERY SEED:			Indonesia	44.1	46.9
France	42.6	112.1	POPPY SEED:		
India	27.0	67.2	Netherlands	27.3	30.2
CINNAMON:			Romania	28.5	32.2
Ceylon	50.4	65.4	Turkey	24.1	25.9
Seychelles	24.9	28.8	ROSEMARY:		
CLOVES:			Portugal	10.1	7.7
Malagasy Republic ..	133.8	163.7	SAGE:		
Tanzania	134.0	166.4	Albania	16.2	15.2
CORIANDER SEED:			Yugoslavia	38.8	33.6
Morocco	8.7	9.1	SAVORY:		
Romania	8.9	8.8	Yugoslavia	29.4	24.6
CUMIN SEED:			SESAME SEED:		
Iran	26.4	20.1	Ethiopia	14.0	13.3
CURRY & CURRY POWDER:			Mexico	20.6	20.2
India	68.2	62.0	Nicaragua	20.8	19.2
DILL SEED:			TARRAGON:		
India	12.8	19.1	France	103.0	136.7
FENNEL SEED:			THYME:		
Bulgaria	18.1	17.2	France	28.6	23.7
India	15.4	27.8	Spain	14.0	12.7
GINGER:			TURMERIC:		
India	36.6	73.1	India	15.9	40.5
Jamaica	100.1	107.5	Jamaica	11.9	21.4
Nigeria	26.0	41.8	VANILLA BEANS:		
LAUREL LEAVES:			French Polynesia ..	811.2	680.0
Turkey	17.9	19.1	Indonesia	206.9	308.1
MACE:			Malagasy Republic..	482.8	482.6
Indonesia	55.9	67.4	Mexico	312.1	388.4

1/ Market value in country of origin, exclusive of U.S. import duty, freight, and insurance charges.

2/ Unground or not manufactured unless otherwise specified. 3/ Ground or unground.

Black and white pepper: Approximate average monthly New York spot prices, 1968-72

Type	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
----- cents per pound -----													
<u>Indonesian:</u>													
Lampung Black:													
1968	34.3	35.6	34.3	31.1	30.3	30.6	30.8	32.6	37.2	32.7	31.3	30.8	32.6
1969	31.3	31.0	30.6	33.4	33.7	32.6	33.6	35.3	50.1	63.5	57.3	53.2	40.5
1970	55.0	55.8	56.5	52.1	48.9	58.8	60.4	61.1	63.9	60.5	57.1	55.0	57.1
1971	53.2	54.7	56.1	56.6	54.7	51.6	46.8	47.2	43.4	44.0	44.4	44.6	49.8
1972	45.4	44.3											
Muntok White:													
1968	37.8	38.1	36.8	34.4	33.7	33.6	32.9	33.6	34.1	35.4	35.9	35.6	35.2
1969	35.5	35.1	35.1	36.8	37.0	35.6	37.4	41.6	52.3	68.5	61.3	49.7	43.8
1970	50.8	49.9	48.3	42.9	44.1	49.1	52.6	52.8	52.4	50.2	49.8	49.5	49.4
1971	48.3	47.8	48.9	48.5	48.0	50.1	53.4	61.3	62.9	77.2	88.6	66.2	58.4
1972	64.4	62.9											
<u>Indian:</u>													
Malabar Black:													
1968	38.2	38.2	37.3	36.6	36.4	36.3	36.1	37.1	41.6	41.3	41.4	40.0	38.4
1969	40.5	39.1	39.3	39.7	40.0	41.0	42.5	43.5	60.0	69.8	59.2	54.3	47.4
1970	55.4	55.8	56.5	52.1	48.9	58.8	60.4	61.1	63.9	60.5	57.1	55.0	57.1
1971	53.2	54.7	56.1	56.6	54.7	52.8	50.0	53.3	50.4	47.3	47.5	45.9	51.9
1972	48.1	49.0											
Tellicherry Black:													
1968	41.7	41.1	40.7	40.0	40.1	38.8	38.6	39.9	45.0	45.0	44.8	45.3	41.7
1969	45.8	43.9	43.0	43.3	44.0	45.0	45.8	46.1	59.1	71.0	64.5	62.0	51.1
1970	62.5	62.4	62.5	61.8	58.5	65.0	68.7	69.0	70.8	68.2	64.0	64.4	64.8
1971	61.8	61.4	62.2	62.3	61.0	61.0	62.5	64.9	63.9	63.2	70.0	(11/)	2/ 63.1
1972	1/	1/											
<u>Brazilian:</u>													
Black:													
1968	29.4	30.3	31.2	29.2	29.4	28.8	30.0	31.0	31.5	27.9	25.9	26.4	29.2
1969	27.4	27.4	26.9	28.9	30.3	29.2	29.3	30.0	38.5	44.8	43.2	38.3	32.9
1970	37.9	38.9	38.6	35.3	36.6	42.8	47.2	48.3	52.0	46.9	42.9	42.0	42.5
1971	41.6	41.8	43.6	43.7	44.1	44.8	44.6	45.2	42.3	44.0	44.5	44.9	43.8
1972	45.1	45.0											

1/ Not quoted. 2/ 11 month average.

Black and White Pepper: Distribution of exports by specified countries, 1969-70

Country of destination	India		Sarawak		Indonesia		Brazil		Malagasy Republic		Singapore	
	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Western Europe:												
EC:												
Belgium-Luxembourg	---	---	---	---	---	---	---	---	---	---	---	---
France	20	18	112	101	822	101	176	150	39	---	535	756
Germany, West	66	551	1,590	3,819	1,261	619	2,324	1,279	4,101	1,145	1,208	4,200
Italy	3,567	1,770	22	---	79	---	5,163	1,905	120	---	2,025	2,918
Netherlands	15	7	45	22	1,378	774	384	260	305	303	2,287	3,186
Subtotal	3,668	2,346	1,769	3,964	3,919	1,494	1,020	762	122	---	772	1,164
Other Western Europe:												
United Kingdom	40	37	22	45	833	172	1,147	385	---	---	12,147	13,988
Yugoslavia	1,365	2,253	---	---	---	---	---	---	---	---	---	---
Others	130	57	1,210	2,957	56	---	88	23	---	---	4,049	3,453
Total	5,203	4,693	3,001	6,966	4,808	1,666	10,302	4,764	4,687	1,448	23,023	29,665
Eastern Europe and USSR:												
Bulgaria	441	551	---	---	---	---	220	220	---	---	34	36
Czechoslovakia	2,138	1,887	---	---	---	---	---	---	---	---	---	---
Germany, East	595	1,433	---	---	---	---	248	650	---	---	---	---
Hungary	1,642	1,984	---	---	---	---	---	---	---	---	---	---
Poland	2,663	1,997	---	---	---	---	---	---	---	---	---	---
Romania	882	1,279	---	---	---	---	---	---	---	---	---	---
USSR	15,503	15,725	---	---	---	---	---	---	---	---	---	661
Total	23,864	24,856	---	---	---	---	468	870	---	---	34	697
Other:												
Algeria	---	441	---	---	---	---	---	---	2,210	1,751	---	---
Argentina	---	---	---	---	---	---	---	---	---	---	---	---
Australia	71	112	381	627	---	---	3,333	1,668	---	---	1,466	1,524
Canada	1,991	1,653	---	---	---	---	11	11	---	---	1,396	2,031
Egypt	1,653	551	---	---	---	---	---	---	---	---	45	40
Hong Kong	---	---	67	157	79	---	---	---	---	---	382	1,903
Japan	152	29	392	459	754	68	---	---	---	---	4,219	4,127
Mexico	---	---	---	---	---	---	1,273	268	---	---	18	---
Morocco	---	---	1,176	1,019	---	---	---	---	---	---	591	4,075
Singapore	126	7	58,822	44,330	21,027	3,545	---	---	---	---	---	---
Tunisia	---	---	---	---	---	---	---	---	222	1,124	---	---
United States	3,920	9,473	---	---	6,711	---	14,354	9,603	---	22	32,978	27,303
Not specified	1,393	1,521	292	247	303	138	2,231	2,608	496	420	9,609	11,702
Grand total	38,373	43,336	64,131	53,805	33,682	5,417	31,972	19,882	7,615	4,765	73,761	83,067

1/ Reexports.

Exports of specified spices and flavoring materials by major producing countries,
average 1960-64 and annually 1965 through 1970

Item and country	Average, 1960-64	1965	1966	1967	1968	1969	1970
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
BLACK AND WHITE PEPPER:							
Indonesia	55,082	27,272	46,304	82,117	50,288	33,682	5,417
India	42,581	50,025	54,803	45,999	54,665	38,373	43,336
Sarawak	22,482	39,455	29,241	43,680	51,083	64,131	53,805
Brazil	6,191	16,305	14,060	21,299	21,444	31,972	19,882
Malagasy Republic	2,741	3,402	2,440	3,195	6,803	7,615	4,765
Cambodia	2,230	3,976	3,259	3,808	1/ 3,800	1/ 3,800	1/ 2,000
Ceylon	623	1,531	677	228	1,811	979	1/ 1,000
Total	131,930	141,966	150,784	200,326	189,894	180,552	130,205
VANILLA BEANS:							
Malagasy Republic	1,065	2,169	1,951	1,468	2,119	2,417	2,685
French Polynesia	440	298	242	147	146	121	64
Comores	264	368	296	329	(2/)	459	291
Reunion	93	126	37	40	(2/)	70	56
Mexico	131	85	49	155	118	40	49
Indonesia	63	143	229	238	190	33	461
Seychelles	10	3	10	3	2	1/ 2	1/ 2
Uganda	4	6	14	6	6	17	9
Total	2,070	3,198	2,828	2,386	1/ 2,900	3,159	3,617
GINGER ROOT:							
India	12,068	8,758	11,357	9,610	4,928	2,766	4,939
Nigeria	4,015	4,171	6,270	2,726	4,323	7,139	8,341
Sierra Leone	1,310	1,828	1,027	2,054	3,447	1,478	974
Jamaica	1,390	1,941	1,844	1,600	1,020	614	671
Total	18,783	16,698	20,498	15,990	13,718	11,997	14,925
CLOVES:							
Tanzania	21,318	18,906	30,257	39,043	25,829	16,185	10,513
Malagasy Republic	8,219	9,751	7,437	11,594	27,392	2,147	11,636
Total	29,537	28,657	37,694	50,637	53,221	18,332	22,149
CINNAMON:							
Ceylon	6,392	6,135	6,076	6,801	8,782	9,794	(2/)
Seychelles	2,392	4,230	3,371	5,464	6,686	3,114	2,943
Malagasy Republic	160	611	1,248	1,087	977	4,482	1,389
Total	8,944	10,976	10,695	13,352	16,445	17,390	(2/)
CASSIA:							
Indonesia	20,257	15,670	9,572	12,258	3,320	1,109	5,783
South Vietnam	1,295	853	64	84	49	7	127
Total	21,552	16,523	9,636	12,342	3,369	1,116	5,910
NUTMEGS:							
Indonesia	9,025	7,337	7,630	8,338	6,206	7,432	7,881
Grenada	1,232	3,277	1,942	1,510	3,635	3,044	(2/)
Ceylon	300	179	314	86	238	282	(2/)
St. Vincent	111	205	143	162	150	178	(2/)
Trinidad & Tobago	89	129	90	111	79	91	108
Total	10,757	11,127	10,119	10,207	10,308	11,027	(2/)
MACE:							
Indonesia	1,458	1,261	1,543	1,770	1,975	1,473	1,563
Grenada	243	558	242	284	337	420	(2/)
Ceylon	23	10	4	---	---	---	(2/)
St. Vincent	19	40	28	26	24	29	(2/)
Trinidad & Tobago	17	14	6	6	4	4	1
Total	1,760	1,883	1,823	2,086	2,340	1,926	(2/)
PIMENTO (Allspice):							
Jamaica	5,295	3,109	5,313	4,267	5,030	7,225	4,925

1/ Estimated. 2/ Not available.

World Trade of Specified Spices

Pepper -- World exports of black and white pepper (*Piper nigrum* L.) in 1970 fell sharply to only 130 million pounds from 180 million in 1969. An unusually poor Indonesian crop, resulting in exports of only 5.4 million pounds, compared with 33.7 million in 1969, largely was responsible for the drop. Shipments from Sarawak, Brazil, and the Malagasy Republic also were lower in 1970. However, India's exports were up by 13 percent over a year earlier. Preliminary data indicate that world pepper exports were higher in 1971, largely because of a recovery in Indonesian shipments.

Reflecting larger supplies, world pepper prices eased somewhat in 1971 from the unusually high levels prevailing in 1970. New York "spot" prices of Indonesian "Lampong" black pepper averaged about 49.8 cents per pound in 1971, down from an average of 57.1 cents in 1970. Although black pepper prices were lower in 1971, they still remained well above the levels of 1969 when prices averaged 40.5 cents and 1968 when prices averaged 32.6 cents per pound.

Indian "Malabar" black pepper prices also fell in 1971 to an average of 51.9 cents, compared with 57.1 cents per pound in 1970. However, responding to strong U.S. demand, prices for Brazilian pepper increased slightly to 43.8 cents from 42.5 cents per pound in 1970.

White pepper prices rose by 9 cents per pound to an annual average of 58.4 cents in 1971, compared with 49.4 cents in 1970 because of smaller availabilities.

According to provisional data, Indonesian pepper exports in 1971 totaled approximately 37 million pounds, compared with only 5.4 million in 1970. Indonesian pepper production during the past 3 years has been well below average because of poor weather and pepper disease problems.

India's pepper exports in 1970 amounted to 43.3 million pounds, up from 1969 shipments of 38.4 million. Exports during 1971 are estimated to have been below the level of the preceding year, reflecting larger shipments by Indonesia, as well as high domestic prices and a smaller 1970-71 crop. India's 1971-72 (November-October) crop is estimated at about 75 million pounds, up from the 1970-71 harvest of 63 million pounds.

Sarawak's exports in 1970 fell 16 percent under the record 64.1 million pounds shipped in the previous year. However, export performance for the first 7 months of 1971 indicates that 1971 exports will be larger. Shipments during the January-July 1971 period amounted to 35.4 million pounds, compared with 28 million for the corresponding 1970 period.

Pepper exports by the Malagasy Republic in 1970, at 4.8 million pounds, were off from the record 1969 exports of 7.6 million. Shipments during the first 9 months of 1971 totaled 2.6 million pounds, compared with 2.9 million for the corresponding 1970 period.

Brazil's exports in 1970 also were lower, dropping to 19.9 million pounds from the record 1969 level of 32 million. Exports for the first 6 months of 1971 have amounted to 17 million pounds.

In February 1971, a group of major pepper producing countries--India, Indonesia, and Malaysia--agreed to establish a "Pepper Community," with membership open to other pepper producing countries. As stated, the main objectives of the Pepper Community were to coordinate and exchange information on agronomic research; develop markets; conduct research for new uses of pepper; review developments of the pepper economy; and improve statistical data for pepper.

In August 1971, a meeting of the three member nations of the Community was held in Bangkok, Thailand. The salient point of this meeting was that a study of the pepper market in the developed countries is necessary. A study tour by representatives of the producing countries to the main consuming nations, possibly to be financed by the United Nations Development Programs (UNDP), was proposed. It was also felt that the United Nations FAO Committee on Commodity Problems (CCP) should assist the Community by undertaking a study in depth of the world pepper economy, with emphasis on the market in the developed countries. The members also expressed the view that an FAO Study Group on pepper is essential in order to have a continuous and sustained collaboration between producers and consumers.

At the Forty-Sixth Session of the CCP in October 1971, it was decided that the FAO Secretariat would prepare further studies on pepper and a meeting on pepper would be held at the next session of the CCP in 1972. This meeting would consider among other things the need for, and advisability of, further international action, including the possibility of establishing a study group on pepper.

Vanilla -- Vanilla exports by the Malagasy Republic in 1970 totaled a record 2.68 million pounds, and were up by 11 percent over a year earlier. Shipments to the United States amounted to 1.66 million pounds, with France taking 613,300 pounds and West Germany, 297,600. Preliminary data indicate that the Republic's vanilla exports were lower in 1971. Shipments during the first 9 months totaled 1.27 million pounds, down 27 percent from the corresponding 1970 period when exports amounted to 1.74 million pounds.

Indonesia's 1970 vanilla exports rose sharply to 461,000 pounds from only 33,000 the year before. Mexico's exports were up slightly, but shipments from most other vanilla producers were down during 1970. New York spot prices for "Bourbon" vanilla beans in March 1972 ranged between \$5.60 and \$5.70 per pound, and remained unchanged from quotations of a year earlier.

Under the final stage of the "Kennedy Round" tariff reductions, vanilla bean imports into the United States became free of duty as of January 1, 1972. When the temporary U.S. import surcharge was in effect last fall, vanilla imports were subject to a levy of 30 cents per pound, compared to a 1 cent-per-pound duty charged previously.

Cloves -- According to reports from the Malagasy Republic, the 1971-72 clove crop has been hurt by both a drought and a cyclone. Reflecting the possibility of reduced supplies from this area, New York spot prices for Malagasy cloves have been undergoing a firming trend since last fall. Prices are being quoted at around \$1.75 per pound as of early March, compared with September 1971 prices of \$1.55 per pound.

World clove exports in 1970 still remained below average, despite a 20 percent rise over the unusually low 1969 level. Exports from the Malagasy Republic recovered from the low 1969 volume of only 2.1 million pounds to 11.6 million in 1970. Exports during the first 9 months of 1971 have totaled 13.2 million pounds, compared with 7.9 million during the similar 1970 period. Exports from Tanzania in 1970 totaled 10.5 million pounds, down sharply from shipments of 16.2 million a year earlier.

Allspice (Pimento)--In response to continuing tight supplies, pimento prices strengthened during 1971. New York spot "Jamaican" prices rose from 95 cents per pound in January to nearly \$1.05 per pound by the end of the year. Prices continued to move upward in the early months of 1972, and were being quoted at about \$1.07 per pound as of early March.

Jamaica's 1970 pimento crop was up over the poor harvest of the previous year, but still remained well below average. The 1970 crop amounted to 3.7 million pounds, compared with 1969 production of 2.2 million, and 9.2 million in 1968.

Cassia and Cinnamon -- Cassia prices have been trending down, reflecting larger availabilities of supplies, particularly with the easing of the trade ban with Mainland China, which now allows entry of material from that source. Approximate New York spot cassia quotations on a per-pound basis, as of early March, are as follows with a-year-ago prices in parentheses: Indonesian Padang "A" \$1.15 (\$1.40), "B" \$1.00 (\$1.30), "C" \$0.75 (\$0.90); Indonesian Korintji "A" \$1.28 (\$1.40), "B" \$1.10 (\$1.35), "C" \$0.90 (\$1.20). Quotations for Mainland China's material as of March 1972 range between 76 and 93 cents per pound.

U.S. imports of cassia in 1971 were double those of the previous year, rising to 9.6 million pounds valued at \$5.8 million. Indonesia still remained the largest supplier with 5.4 million pounds, and Mainland China was second, with shipments totaling 2.2 million pounds valued at \$1.3 million.

U.S. imports of cinnamon in 1971 also were higher, totaling 4.9 million pounds valued at \$1.4 million. Seychelles was the largest supplier, followed by the Malagasy Republic, which, in recent years, has become an important exporter of cinnamon. New York spot prices for Seychelles cinnamon in 1971 averaged about 35.4 cents per pound, up slightly over the 1970 average of 33.5 cents, but still well below the high 1969 level of 47.5 cents per pound.

The U.S. Market for Spices 1/

The United States is the world's largest importer and consumer of spices, herbs, and aromatic seeds used to season food products. Consumption of these items is still undergoing an expansionary trend in the United States, rising about 77 percent in the past decade. U.S. per capita consumption of spices over the decade of the sixties, has increased from 18.4 to 28.8 ounces. Both imports and domestic production of spices have shared in the expansion of U.S. consumption.

The continuing growth in U.S. spice usage is attributed to several factors. These include high income levels, increasing population, a growing demand for "convenience" food items and changing consumer tastes. Also, the increased popularity of dietary foods have added to demand, as the addition of spices often makes them more palatable for the consumer. Food manufacturers and processors also are beginning to realize that traditional foods and sauces can be spiced more heavily in the interest of nonconformity to make them different from competitive brands.

One spice that has experienced a rather sharp increase in demand in recent years has been oregano, which has become well known for its use in flavoring pizza. Imports of oregano amounted to an average of only 1.7 million pounds during 1955-59, increasing to 4.7 million by 1970.

Most U.S. spice requirements are met through imports. However, some spices that are produced in commercial quantities in the United States which supplement imports are--capsicum peppers, paprika, mustard seed, dill, fennel, basil, mint leaves, parsley, sage, sesame seed, tarragon, marjoram, and fenugreek seed.

Total U.S. imports of condiments (including vanilla beans) during 1971 amounted to a record 296 million pounds, valued at \$80.9 million, and

1/ The general term "spices" refers also to herbs and aromatic seeds. However, dehydrated vegetable seasonings such as onion and garlic products are excluded.

were well above the 1965 level of 201 million pounds, valued at \$60.8 million. On a poundage basis, mustard seed, black pepper, and sesame seed are the leaders. However, value-wise, black pepper, vanilla beans, and sesame seed are the most important. Mustard seed imports have increased dramatically in recent years, primarily reflecting declining domestic production. Mustard seed imports averaged about 29 million pounds in 1960-64, rising to 95 million in 1971.

Although spices are brought in through many of the major U.S. ports, New York is by far the largest port of entry. The ports of Baltimore and San Francisco also are important. All imports of spices into the United States are subject to the sanitary regulations of the U.S. Food and Drug Administration as contained in the Food, Drug and Cosmetic Act, and should be in conformity with the American Spice Trade Association's (ASTA) cleanliness specifications. A certificate of analysis issued by a laboratory approved by ASTA also is required.

As a rule, no food manufacturer imports or grinds his own spices. Manufacturers usually buy from spice grinders as they not only have the experience needed to assure a continuing supply of quality material at reasonable prices, but they also perform added services such as maintaining close quality control on shipments, and blending spices to manufacturers' specifications.

Spices generally are imported in their unground form to conserve the volatile oil content which provides their flavoring power and to better exercise sanitation and quality control.

Spices are used whole, ground, or as essential oils. The essential oils and oleoresins of spices usually are made by extracting volatile oils by pressing, steam distillation, or solvent extraction. It is contended that extracts offer certain advantages over the natural ground spice, such as consistency of quality, freedom from micro-organisms, uniform dispersion in the product, and easy handling and storage. However, some food processors are concerned about their use of the extracts because of the compatibility of the extracts with their existing recipes and production processes. In this respect, a good deal of experimentation is being undertaken, and there appears to be a trend towards increased use of spice extracts in certain areas of the food industry.

U.S. imports of essential oils derived from spices were estimated to be around \$3 million in 1970. Clove oil alone accounted for \$1 million, and nutmeg oil \$679,000. The remainder is comprised of essential oils of

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Spice Circular

cinnaomon, cassia, thyme, origanum, caraway, and anise. Import data for other
spice essential oils and oleoresins are not classified separately in U.S.
trade data, and thus no estimates of the magnitude are possible.

As for spice use in the United States, retailers or consumers are estimated
to account for approximately one-half of the total. Industry which consists
of food manufacturers, accounts for between 25 and 30 percent; and
institutions (restaurants, hospitals, schools), 20 to 25 percent. However,
an increasing share is being captured by industry and institutions, while
the retail or consumer share is declining.

Institutional usage is the fastest growing segment of the spice business,
primarily reflecting the popularity of "convenience" foods and the increasing
number of people eating out, especially as the result of the proliferation
of the restaurant field by the quick service "hamburger" and "sandwich-type"
establishments.

U.S. retail sales of spices in 1968 were estimated to be in excess of \$220
million, an increase of 52 percent over 1957 sales of \$145 million.
Convenience seasonings (which are blends of spices), changing consumer
tastes, and more attractive packaging, have been the main factors influencing
demand at the retail level.

The most important spice consumed in the United States is pepper. Annual use
is now estimated to be in the area of 50 million pounds. Black pepper is
the only spice that is believed to be utilized in 100 percent of U.S. homes.
Other spices that are found to be used in a high percentage of U.S. homes are
cinnaomon, nutmeg, cloves, mustard, pimento (allspice), and ginger. Vanilla
also is widely used, especially in ice-cream mixes, which is by far the
largest use of the flavor. Sesame and poppy seeds also are commonly found in
bakery products.

Of the total volume of pepper consumed in the United States, one-half goes
into retail sales for home consumption, and the balance to food processors
and institutional users. It is estimated that only 10 to 20 percent of
spices other than pepper go to the retail area. The remainder goes to
industrial users, where they are widely used in making spice essential oils
and oleoresins for flavoring food products.